SAMSUNG

DVD PLAYER

DVD-S221
DVD-S222
DVD-S320
DVD-S321

Downloaded From Disc-Player.com Samsung Manuals

Precautions

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER(OR BACK).
NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol indicates “dangerous voltage” inside the product that presents a risk of electric shock or personal injury.

This symbol indicates important instructions accompanying the product.

CAUTION: DVD PLAYERS USE AN INVISIBLE LASER BEAM WHICH CAN CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE PLAYER CORRECTLY AS INSTRUCTED.

CAUTIONS

Caution: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Attention: Pour éviter les chocs électriques, introduíre la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu au fond.

This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances, such as radios and televisions, use shielded cables and connectors for connections.

FCC NOTE (for U.S.A):

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect this equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This class B digital apparatus meets all requirements of the Canadian Interference -- Causing Equipment Regulations.

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT
PRODUCTO	LÁSER CLASE 1

Downloaded From Disc-Player.com Samsung Manuals

WARNING

To reduce the risk of fire or shock hazard, do not expose this DVD player to rain or moisture.

CAUTION

THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVER AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

Note:

- This unit can be used only where the power supply is AC 120V, 60Hz. It cannot be used elsewhere.
- This DVD player is designed and manufactured to respond to the Region Management Information. If the Region number of a DVD disc does not correspond to the Region number of this DVD player, the DVD player cannot play the disc.

Handling Cautions

- Before connecting other components to this player, be sure to turn them all off.
- Do not move the player while a disc is being played, or the disc may be scratched or broken, and the player's internal parts may be damaged.
- Do not put a flower vase filled with water or any small metal objects on the player.
- Be careful not to put your hand into the disc tray.
- Do not place anything other than the disc in the disc tray.
- Exterior interference such as lightning and static electricity can affect normal operation of this player. If this occurs, turn the player off and on again with the POWER button, or disconnect and then reconnect the AC power cord to the AC power outlet. The player will operate normally.
- Be sure to remove the disc and turn off the player after use.
- Disconnect the AC power cord from the AC outlet when you don't intend to use the player for long periods of time.
- Clean the disc by wiping in a straight line from the inside to the outside of the disc.

Disc Storage

Be careful not to harm the disc because the data on these discs is highly vulnerable to the environment.

- Do not keep under direct sunlight.
- Keep in a cool ventilated area.
- Store vertically.
- Keep in a clean protection jacket.

Maintenance of Cabinet

For safety reasons, be sure to disconnect the AC power cord from the AC outlet.

- Do not use benzene, thinner, or other solvents for cleaning.
- Wipe the cabinet with a soft cloth.

Downloaded From Disc-Player.com Samsung Manuals

Safety Instructions

1. **Read Instructions-**All the safety and operating instructions should be read before the product is operated.
2. **Retain Instructions-**The safety and operating instructions should be retained for future reference.
3. **Heed Warnings-**All warnings on the product and in the operating instructions should be adhered to.
4. **Follow Instructions-**All operating and using instructions should be followed.
5. **Cleaning-**Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. **Attachments-**Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. **Water and Moisture-**Do not use this product near water-for example near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.
8. **Accessories**-Do not place this product on an unstable cart, stand, tripod, bracket, or table.

   The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the product. Any mounting of the product should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.
9. **Cart Usage**-A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
10. **Ventilation**-Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered.
    The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
11. **Power Sources**-This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
12. **Grounding or Polarization**-This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
13. **Power-Cord Protection**-Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.
14. **Lightning-**For added protection for this product during a lightning storm or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

Downloaded From Disc-Player.com Samsung Manuals

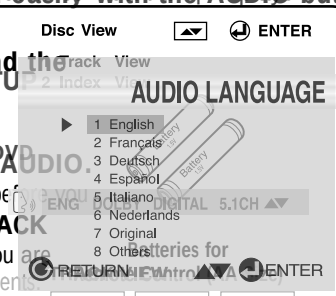
Safety Instructions

15. **Power Lines-**An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
16. **Overloading**-Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
17. **Object and Liquid Entry**-Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
18. **Servicing**-Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
19. **Damage Requiring Service**-Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    - **a** When the power-supply cord or plug is damaged.
    - **b** If liquid has been spilled or objects have fallen into the product.
    - **c** If the product has been exposed to rain or water.
    - **d** If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
    - **e** If the product has been dropped or damaged in any way.
    - **f** When the product exhibits a distinct change in performance-this indicates a need for service.
20. **Replacement Parts**-When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
21. **Safety check**-Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
22. **Heat**-The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Downloaded From Disc-Player.com Samsung Manuals

Before You Start / Basic Functions

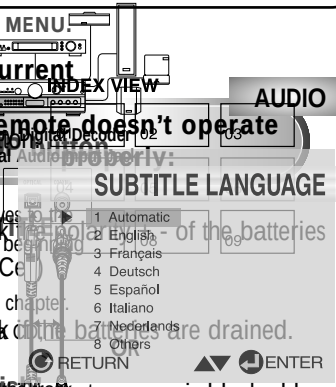
Using the Audio Language



1. With the unit in Stop mode, press the SETUP button.
2. Press the UP/DOWN buttons to move to AUDIO.
3. Press the UP/DOWN buttons to select TRACK, VIEW, or the ENTER button.
4. Select the desired view by pressing the UP/DOWN or LEFT/RIGHT buttons.
5. Press the ENTER button.

- Depending on the disc, audio may not be heard when a disc is in 2X play mode.

Using the Subtitle Language



1. During play, press the TOP MENU button.
2. Press the UP/DOWN buttons to move to AUDIO.
3. Press the UP/DOWN buttons to select TRACK, VIEW, or the ENTER button.
4. Select the desired view by pressing the UP/DOWN or LEFT/RIGHT buttons.
5. Press the ENTER button.

- When playing a DVD, if you press the NEXT SKIP button, it moves to the beginning of the next chapter. Pressing it twice moves it to the beginning of the previous chapter. If you press the BACK SKIP button, it moves to the beginning of the current chapter. Pressing it twice moves it to the beginning of the previous chapter.
- When playing a VCD 2.0 in the MENU OFF mode, a VCD 1.1 disc or a CD, if you press the NEXT SKIP button, it moves to next track. If you press the BACK SKIP button, it moves to the beginning of the current track. Pressing it twice moves it to the beginning of the previous track.
- When playing a VCD 2.0 in the MENU ON mode, if you press the NEXT SKIP button, it moves to the next MENU or the next track/file. If you press the BACK SKIP button, it moves to the previous MENU or the previous track/file.

- When pressing the TOP MENU button with a CD, the INTRO mode lets you listen to the beginning of each track for about 10 seconds.
- You can also operate it using the DIGEST button.

Index View (VCD)

Skipping Tracks

Connection to an Audio System

Install Batteries in the Remote

If remote doesn't operate

- Check if the polarities (+ and -) of the batteries are correct.
- Check if the batteries are drained.
- Check if remote sensor is blocked by obstacle.
- Check if there is any fluorescent lighting nearby.

Use the Subtitle Language to select English

- Select the language you want as the audio preference. Then play a DVD.
- If the selected language is not recorded on the disc, the original pre-recorded language is selected.
- How to make the SETUP MENU disappear or return to menu screen during set up; Press RETURN button.

NOTE

- This function may not work with all DVDs.
- Depending on the disc, subtitles may not be heard when a disc is in 2X play mode.
- Depending on the disc, the default soundtrack language is selected instead of your preferred language.
- If the language you want is not listed, select Others from the menu, then look up the 4-digit language code in the "Language Code List" on page 30 and enter it.
- If you press the BACK SKIP button, it moves to the previous track/file. If you press it within 3 seconds of the beginning of the track, it moves to the previous track/file. If you press it after 3 seconds, it moves to the beginning of the current track/file.
- If you press the BACK SKIP button, it moves to the previous MENU or the previous track/file.

- When you play a DVD, the language you selected as the audio preference may not be played although it is recorded on the disc. In this case, the original pre-recorded language is played instead.
- How to make the SETUP MENU disappear or return to menu screen during set up; Press RETURN button.
- English is selected and the screen returns to SETUP MENU.

NOTE

- When you play a DVD, the language you selected as the audio preference may not be played although it is recorded on the disc. In this case, the original pre-recorded language is played instead.
- How to make the SETUP MENU disappear or return to menu screen during set up; Press RETURN button.
- English is selected and the screen returns to SETUP MENU.

TABLE OF CONTENTS

SETUP

CONNECTIONS

BASIC FUNCTIONS

ADVANCED FUNCTIONS

CHANGING SETUP MENU

REFERENCE

Downloaded From Disc-Player.com Samsung Manuals

General Features

Excellent Sound
Dolby Digital, a technology developed by Dolby Laboratories provides crystal clear sound reproduction.

Screen
Both regular and widescreen(16:9) pictures can be viewed.

Slow Motion
An important scene can be viewed in slow motion.

Programmed Play
You can program tracks to play in desired order.

Parental Control
The parental control allows users to set the level necessary to prohibit children from viewing harmful movies such as those with violence, adult subject matter, etc.

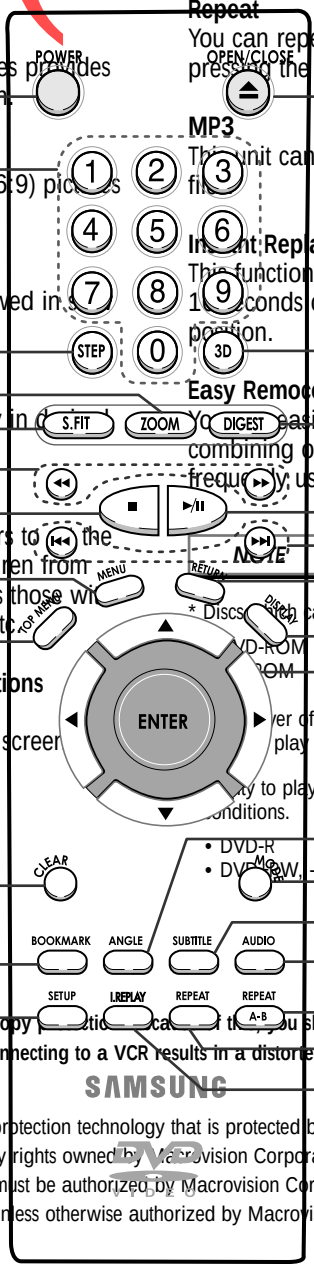
Various On-Screen Menu Functions
You can select various languages(Audio/Subtitle) and screen while enjoying movies.

Repeat
You can repeat a song or movie simply by pressing the REPEAT button.

MP3
This unit can play discs created from MP3 files.

Instant Replay
This function is used to replay the previous 10 seconds of the movie from the current position.

Easy Remocon (DVD-S320/DVD-S321 only)
You can easily operate this player by combining only the functions that are frequently used.



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

NOTE

* Discs which cannot be played with this player.
  - DVD-ROM
  - DVD-RAM
  - CDV
  - ...ver of super Audio CD
  - ...play audio only, not graphics.
  - ...ty to play back may depend on recording ...nditions.
  - DVD-R
  - DVD-RW, +RW
  - CD-RW

COPY PROTECTION

- **Many DVD discs are encoded with copy protection technology. Because of this, you should only connect your DVD player directly to your TV, not to a VCR. Connecting to a VCR results in a distorted picture from copy-protected DVD discs.**
- This product incorporates copyright protection technology that is protected by methods claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Downloaded From Disc-Player.com Samsung Manuals

Disc Type and Characteristics

DVD Function Buttons

playing the following types of discs with the

Disc Type (Logos)	Recording Types	Disc Size	Playing Time	Characteristics
DVD VIDEO	Audio + Video	5"	Single-sided 240 min. Double-sided 480 min.	• DVD contains excellent sound and video due to Dolby Digital and MPEG-2 system. • Various screen and audio functions can be easily selected through the on-screen menu.
		3 1/2"	Single-sided 80 min. Double-sided 160 min.	
VIDEO-CD	Audio + Video	5"	74 min.	• Video with CD sound, VHS quality & MPEG-1 compression technology.
		3 1/2"	20 min.	
AUDIO-CD	Audio	5"	74 min.	• CD is recorded as a Digital Signal with better audio quality, less distortion and less deterioration of audio quality over time.
		3 1/2"	20 min.	

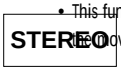
1. DVD POWER Button
2. NUMBER Buttons
3. STEP Button
   • Advances play one frame at a time.
4. ZOOM Button
5. S.FIT Button
6. SEARCH Buttons
   • Allows you to search forward/backward through a disc.
7. STOP Button
8. MENU Button
   • Brings up the Disc menu.
9. TOP MENU Button
10. CLEAR Button
    • Use to remove menus or status displays from the screen.
11. BOOKMARK Button
12. SETUP Button
    • Brings up the DVD player's Setup menu.
13. OPEN/CLOSE Button
14. 3D Button
15. DIGEST Button
16. PLAY/PAUSE Button
    • Begin/Pause disc play.
17. SKIP Buttons
    • Use to skip the title, chapter or mark.
18. RETURN Button
    • Returns to a previous menu.
19. DISPLAY Button
    • Displays the current disc mode.
20. ENTER/DIRECTION Button (UP/DOWN or LEFT/RIGHT Buttons)
    • This button functions as a toggle switch.
21. ANGLE Button
    • Use to access various camera angles on a DVD.
22. MODE Button
    • Allows you to program a specific order.
23. SUBTITLE Button
24. AUDIO Button
    • Use this button to access various audio functions on a disc.
25. REPEAT A-B Button
    • Use to mark a segment to repeat between A and B.
26. REPEAT Button
    • Allows you to repeat play a title, chapter, track, or disc.
27. I.REPLAY Button
    • This function is used to replay the previous 10 seconds of the movie from the current position.

Disc Markings

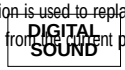
• Play Region Number

• NTSC broadcast system in U.S.A, Canada, Korea, Japan, etc.

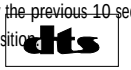
• Dolby Digital disc



• Stereo disc



• Digital Audio disc



• DTS disc

• MP3 disc

Play Region Number

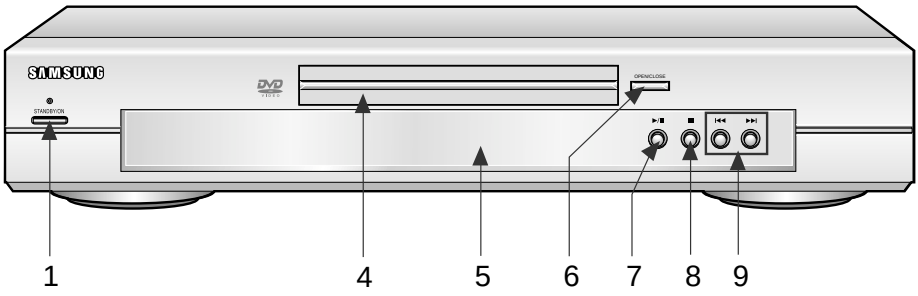
Both the DVD player and the discs are coded by region. These regional codes must match in order for the disc to play. If the codes do not match, the disc will not play.

The Region Number for this player is described on the rear panel of the player.

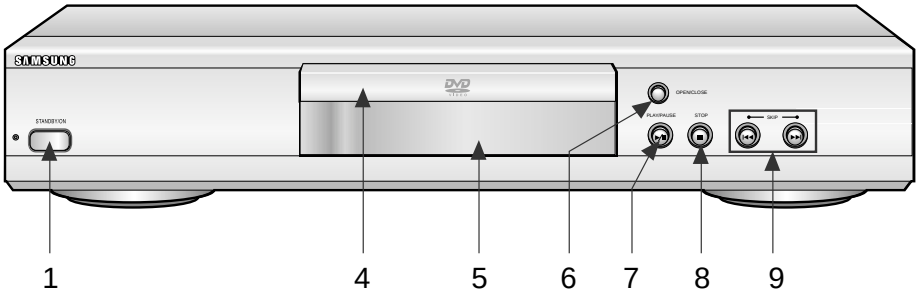
Downloaded From Disc-Player.com Samsung Manuals

Description-Front Panel

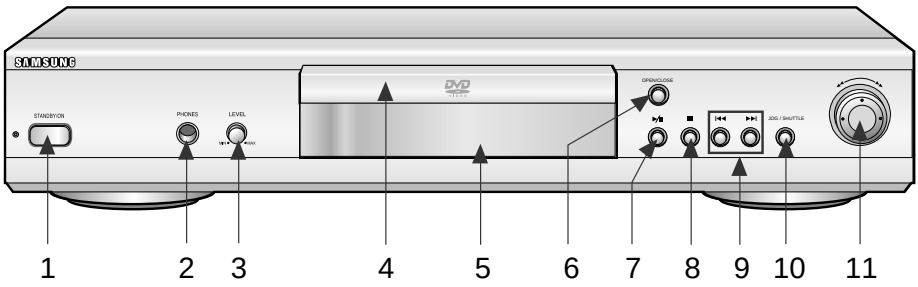
DVD-S221



DVD-S222/DVD-S320



DVD-S321



Downloaded From Disc-Player.com Samsung Manuals

Front Panel Controls

1. STANDBY / ON
- When the unit is first plugged in, the indicator lights. When STANDBY/ON is pressed on again, the light goes out and the player is turned on.

2. HEADPHONES JACK
- You can attach headphones here for private listening.

3. HEADPHONES VOLUME
- Use to adjust headphones volume level.

4. DISC TRAY
- Load the disc here.

5. DISPLAY
- Operation indicators are displayed here.

6. OPEN/CLOSE
- Press to open and close the disc tray.

7. PLAY/PAUSE
- Begin or pause disc play.

8. STOP
- Stops disc play.

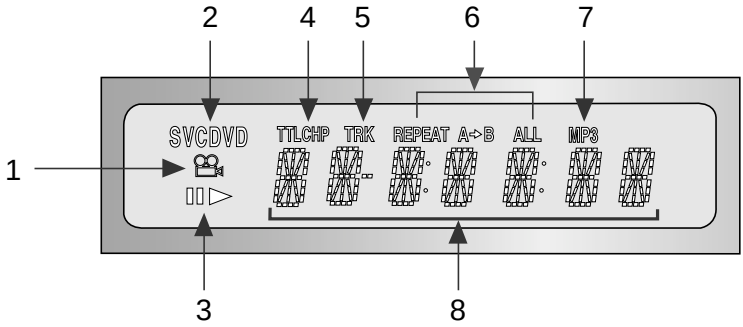
9. SKIP
- Use to skip a scene or music.

10. JOG
- Use to access certain Shuttle features with the Shuttle dial : When JOG is pressed, indicator lights up.

11. SHUTTLE
- Use during DVD and CD play to fast forward or reverse. In JOG mode(JOG button pressed), used for frame advance/CD track selection.

Downloaded From Disc-Player.com Samsung Manuals

Display Indicators



Front Panel Display

1. Angle indicator. You can select multiple angles of a scene recorded by different cameras.

2. Disc type indicators

3. Play / Pause / Forward play

4. DVD : Title, Chapter number.

5. Video/Audio CD : Track number

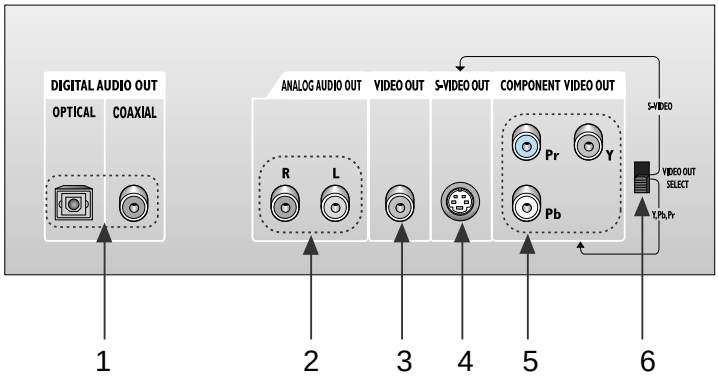
6. Repeat play mode

7. MP3 indicators

8. Displays various messages concerning operations such as PLAY, STOP, LOAD ...
   no DISC : No disc loaded.
   OPEN : The disc tray is open.
   LOAD : Player is loading disc information.

Downloaded From Disc-Player.com Samsung Manuals

Description-Rear Panel



Rear Panel

1. DIGITAL AUDIO OUT JACKS
   - Use either an optical or coaxial digital cable to connect to a compatible Dolby Digital receiver. Use to connect to an A/V Amplifier that contains a Dolby Digital or DTS decoder.

2. ANALOG AUDIO OUT JACKS
   - Connect to the Audio input jacks of your television, audio/video receiver, or VCR.

3. VIDEO OUT JACK
   - Use a video cable to connect to the Video input jack on your television.

4. S-VIDEO OUT JACK
   - Use the S-Video cable to connect this jack to the S-Video jack on your television for a higher quality picture. The S-Video must be selected in the VIDEO OUT SELECT.

5. COMPONENT VIDEO OUT JACKS
   - Use these jacks if you have a TV with Component Video in jacks. These jacks provide Pr, Pb and Y video. Along with S-Video, Component Video provides the best picture quality. The Y, Pb, Pr must be selected in the VIDEO OUT SELECT.

6. VIDEO OUT SELECT SWITCH
   - Use the switch to set video out.
   - If Y, Pb or Pr is selected, S-Video will not work.
   - If S-Video is selected, Y, Pb or Pr will not work.

NOTE

* Select the VIDEO OUT SELECT switch in the Stop or Power Off mode.

Downloaded From Disc-Player.com Samsung Manuals

General Features

(DVD-S

Excellent Sound
Dolby Digital, a technology developed by Dolby Laboratori
crystal clear sound reproductio

Screen
Both regular and widescreen(1
can be viewed.

Slow Motion
An important scene can be vie
motion.

Programmed Play
You can program tracks to play
order.

Parental Control
The parental control allows use
level necessary to prohibit chil
viewing harmful movies such a
violence, adult subject matter,

Various On-Screen Menu Func
You can select various
languages(Audio/Subtitle) and
while enjoying movies.

Repeat
beat a song or movie simply by
e REPEAT button.

n play discs created from MP3

lay
n is used to replay the previous
of the movie from the current

con(DVD-S320/DVD-S321 only)
sily operate this player by
only the functions that are
used.

cannot be played with this player.
¥ DVD-RAM
¥ CDV

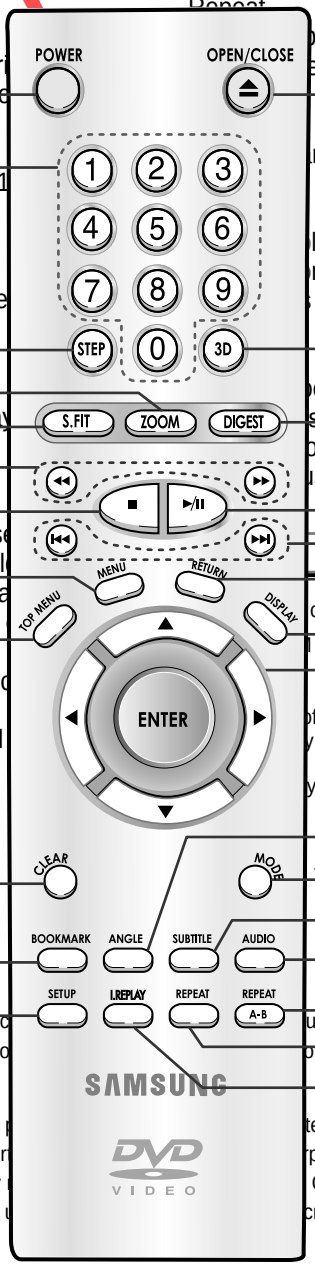
f super Audio CD
audio only, not graphics.

y back may depend on recording

-RW

u should only connect your DVD player
rted picture from copy-protected DVD

ted by methods claims of certain U.S.
rporation and other rights owners. Use of
Corporation, and is intended for home
crovision Corporation. Reverse engineering



COPY PROTECTION

¥ Many DVD discs are encoded with c
directly to your TV, not to a VCR. Co
discs.

¥ This product incorporates copyright p
patents and other intellectual proper
this copyright protection technology
and other limited viewing uses only u
or disassembly is prohibited.

Downloaded From Disc-Player.com Samsung Manuals

Tour of the Remote Control

Disc Type and Characteristics

DVD Function Buttons

playing the following types of discs with the

Disc Type (Logos)	Recording Types	Disc Size	Playing Time	Characteristics
DVD VIDEO	Audio + Video	5"	Single-sided 240 min. Double-sided 480 min.	• DVD contains excellent sound and video due to Dolby Digital and MPEG-2 system. • Various screen and audio functions can be easily selected through the on-screen menu.
		3 1/2"	Single-sided 80 min. Double-sided 160 min.	
VIDEO-CD	Audio + Video	5"	74 min.	• Video with CD sound, VHS quality & MPEG-1 compression technology.
		3 1/2"	20 min.	
AUDIO-CD	Audio	5"	74 min.	• CD is recorded as a Digital Signal with better audio quality, less distortion and less deterioration of audio quality over time.
		3 1/2"	20 min.	

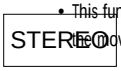
1. DVD POWER Button
2. NUMBER Buttons
3. STEP Button
   • Advances play one frame at a time.
4. ZOOM Button
5. S.FIT Button
6. SEARCH Buttons
   • Allows you to search forward/backward through a disc.
7. STOP Button
8. MENU Button
   • Brings up the Disc menu.
9. TOP MENU Button
10. CLEAR Button
    • Use to remove menus or status displays from the screen.
11. BOOKMARK Button
12. SETUP Button
    • Brings up the DVD player's Setup menu.
13. OPEN/CLOSE Button
14. 3D Button
15. DIGEST Button
16. PLAY/PAUSE Button
    • Begin/Pause disc play.
17. SKIP Buttons
    • Use to skip the title, chapter, or mark.
18. RETURN Button
    • Returns to a previous menu.
19. DISPLAY Button
    • Displays the current disc mode.
20. ENTER/DIRECTION Button (UP/DOWN or LEFT/RIGHT Buttons)
    • This button functions as a toggle switch.
21. ANGLE Button
    • Use to access various camera angles on a DVD.
22. MODE Button
    • Allows you to program a specific order.
23. SUBTITLE Button
24. AUDIO Button
    • Use this button to access various audio functions on a disc.
25. REPEAT A-B Button
    • Use to mark a segment to repeat between A and B.
26. REPEAT Button
    • Allows you to repeat play a title, chapter, track, or disc.
27. I.REPLAY Button
    • This function is used to replay the previous 10 seconds of the movie from the current position.

Disc Markings

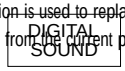
• Play Region Number

• NTSC broadcast system in U.S.A, Canada, Korea, Japan, etc.

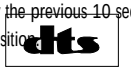
• Dolby Digital disc



• Stereo disc



• Digital Audio disc



• DTS disc

• MP3 disc

Play Region Number

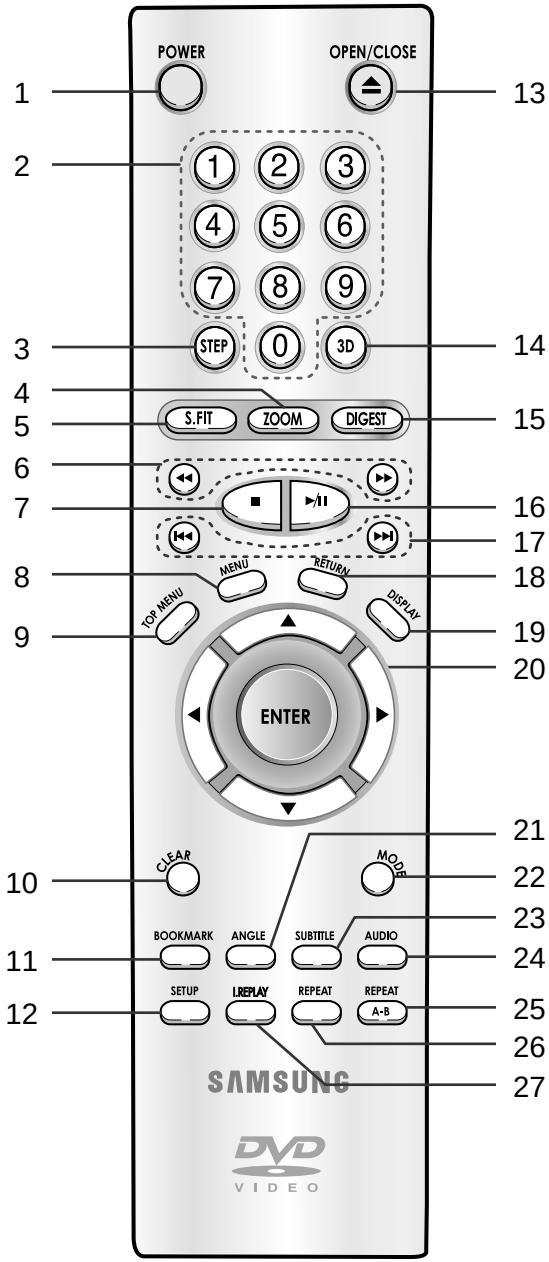
Both the DVD player and the discs are coded by region. These regional codes must match in order for the disc to play. If the codes do not match, the disc will not play.

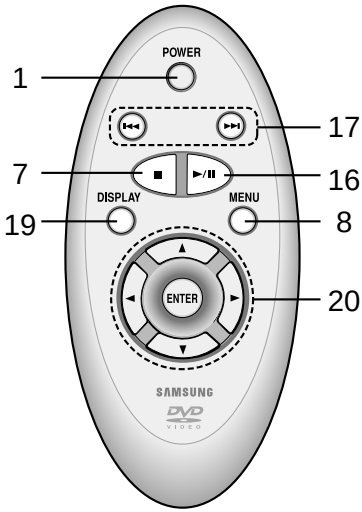
The Region Number for this player is described on the rear panel of the player.

Downloaded From Disc-Player.com Samsung Manuals

Tour of the Remote Control

(DVD-S320)





(Easy Remote Control)

Downloaded From Disc-Player.com Samsung Manuals

DVD Function Buttons

1. DVD POWER Button

2. NUMBER Buttons

3. STEP Button
- Advances play one frame at a time.

4. ZOOM Button

5. S.FIT Button

6. SEARCH Buttons
- Allows you to search forward/backward through a disc.

7. STOP Button

8. MENU Button
- Brings up the Disc menu.

9. TOP MENU Button

10. CLEAR Button
- Use to remove menus or status displays from the screen.

11. BOOKMARK Button

12. SETUP Button
- Brings up the DVD player's Setup menu.

13. OPEN/CLOSE Button

14. 3D Button

15. DIGEST Button

16. PLAY/PAUSE Button
- Begin/Pause disc play.

17. SKIP Buttons
- Use to skip the title, chapter, or track.

18. RETURN Button
- Returns to a previous menu.

19. DISPLAY Button
- Displays the current disc mode.

20. ENTER/DIRECTION Button (UP/DOWN or LEFT/RIGHT Buttons)
- This button functions as a toggle switch.

21. ANGLE Button
- Use to access various camera angles on a DVD.

22. MODE Button
- Allows you to program a specific order.

23. SUBTITLE Button

24. AUDIO Button
- Use this button to access various audio functions on a disc.

25. REPEAT A-B Button
- Use to mark a segment to repeat between A and B.

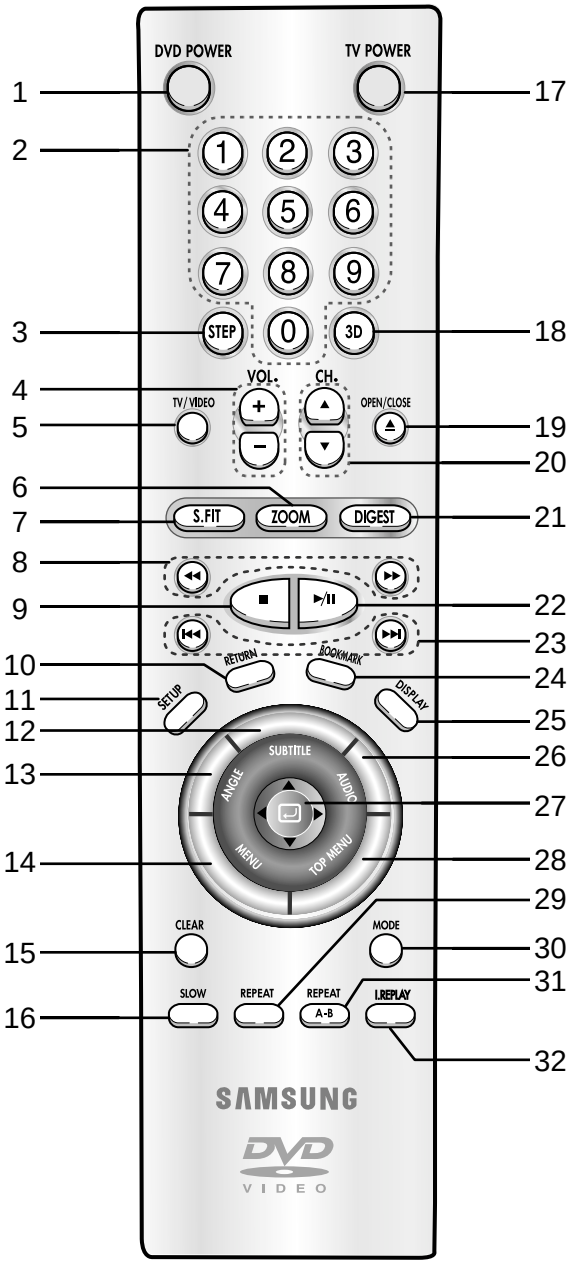
26. REPEAT Button
- Allows you to repeat play a title, chapter, track, or disc.

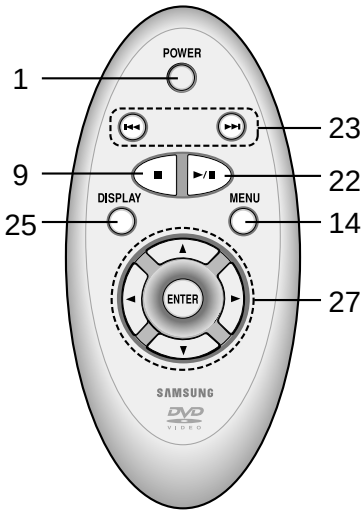
27. I.REPLAY Button
- This function is used to replay the previous 10 seconds of the movie from the current position.

Downloaded From Disc-Player.com Samsung Manuals

Tour of the Remote Control

(DVD-S321)





(Easy Remote Control)

Downloaded From Disc-Player.com Samsung Manuals

DVD Function Buttons

1. DVD POWER Button

2. NUMBER Buttons

3. STEP Button

4. VOLUME Buttons

5. TV/VIDEO Button

6. ZOOM Button

7. S.FIT Button

8. SEARCH Buttons
- Allows you to search forward/backward through a disc.

9. STOP Button

10. RETURN Button
- Returns to a previous menu.

11. SETUP Button
- Brings up the DVD player's Setup menu.

12. SUBTITLE Button

13. ANGLE Button
- Use to access various camera angles on a DVD.

14. MENU Button
- Brings up the Disc menu.

15. CLEAR Button
- Use to remove menus or status displays from the screen.

16. SLOW Button

17. TV POWER Button

18. 3D Button

19. OPEN/CLOSE Button

20. CHANNEL Buttons

21. DIGEST Button

22. PLAY/PAUSE Button
- Begin/Pause disc play.

23. SKIP Buttons
- Use to skip the title, chapter, or track.

24. BOOKMARK Button

25. DISPLAY Button
- Displays the current disc mode.

26. AUDIO Button
- Use this button to access various audio functions on a disc.

27. ENTER/DIRECTION Button (UP/DOWN or LEFT/RIGHT Button)
- This button functions as a toggle switch.

28. TOP MENU Button

29. REPEAT Button
- Allows you to repeat play a title, chapter, track, or disc.

30. MODE Button
- Allows you to program a specific order.

31. REPEAT A-B Button
- Use to mark a segment to repeat between A and B.

32. I.REPLAY Button
- This function is used to replay the previous 10 seconds of the movie from the current position.

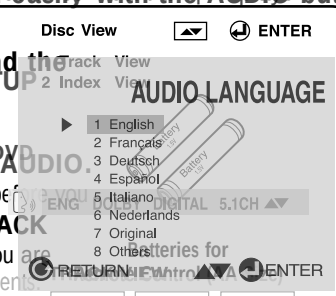
Downloaded From Disc-Player.com Samsung Manuals

Before You Start / Basic Functions

Using the Audio Language

Using the AUDIO button

1. With the unit in Stop mode, press the SETUP button.
2. Press the UP/DOWN buttons to move to AUDIO.
3. Press the ENTER button.
4. Press the UP/DOWN buttons to select ENGLISH.
5. Press the ENTER button.
   - English is selected and the screen returns to SETUP MENU.

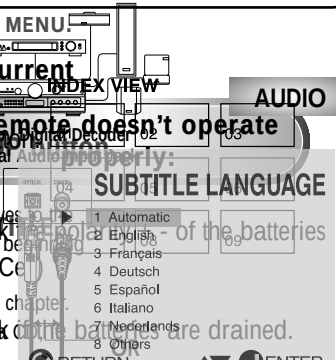


Using the MENU button

1. During playback, press the TOP MENU button.
2. Press the UP/DOWN buttons to select TRACK.
3. Press the ENTER button.
4. Press the UP/DOWN buttons to select the desired language on a DVD-S330/DVD-S321 only.
5. Press the ENTER button.

Using the Subtitle Language

1. During playback, press the TOP MENU button.
2. Press UP/DOWN buttons to select INDEX VIEW. Press the ENTER button.
3. Select the desired view by pressing the UP/DOWN or LEFT/RIGHT buttons.
4. Press the ENTER button.



Connection to an Audio System

Method 1

Method 2

Cable

Skipping Tracks

Using the SKIP button

- During playback, press the NEXT SKIP or BACK SKIP button.
  - When playing a DVD, if you press the NEXT SKIP button, it moves to the beginning of the next chapter. One more press makes it move to the beginning of the previous chapter.
  - When playing a VCD 2.0 in the MENU OFF mode, a VCD 1.1 or a CD, it moves to next track.

Using the MENU button

- During playback, press the TOP MENU button.
- Press the UP/DOWN buttons to select TRACK.
- Press the ENTER button.
- Press the UP/DOWN buttons to select the desired track.
- Press the ENTER button.

Using the NUMERIC buttons

- Press the SKIP button for the next 9 tracks.
- Press the PREV button for the previous 10 tracks.

Searching Through a Disc

- During playback, press the REVERSE or FORWARD SEARCH button.
  - Each time you press the button, the speed changes as follows: 2X → 4X → 8X → 16X → 32X → 2X play mode.

Slow Motion Playback

- During playback, press the PAUSE/STEP button.
  - Each time you press the button, the speed changes as follows: 1/2 → 1/3 → 1/4 → 1/5 → 1/6 → 1/2 slow play mode.

Selecting a Desired Track

- During playback, press the TOP MENU button.
- Press the UP/DOWN buttons to select TRACK.
- Press the ENTER button.
- Press the UP/DOWN buttons to select the desired track.
- Press the ENTER button.

Selecting a Desired Scene

- During playback, press the TOP MENU button.
- Press the UP/DOWN buttons to select INDEX VIEW.
- Press the ENTER button.
- Select the desired view by pressing the UP/DOWN or LEFT/RIGHT buttons.
- Press the ENTER button.

Using the Remote

1. Install Batteries in the Remote
   - Insert two R03 batteries (AAA size) with the + and - ends correctly aligned.
2. Point the remote at the remote sensor and operate it within 30 degrees of its face.
3. Replace the battery cover.

NOTE

- Do not mix battery types (old and new or carbon and alkaline, etc.).
- Do not expose the remote to moisture, heat, or shock.
- Clean the remote sensor with a soft cloth.

If remote doesn't operate properly:

- Check if remote sensor is blocked by obstacle.
- Check if there is any fluorescent lighting nearby.
- Check if the batteries are drained.

NOTE

- Check if remote is for this disc and may not work with all DVDs.

DVD

- If the selected language is not recorded on the disc, the original prerecorded language is selected.
- How to make the SETUP MENU disappear or return to menu screen during set up; Press RETURN button.

NOTE

- How to select English as the audio preference when you play a DVD: Select the language you want as the default language. Then, whenever you play a DVD, that language will come up when available. If the selected language is not available, the disc's original language will be used instead.
- How to select English as the subtitle preference when you play a DVD: Select the language you want as the default language. Then, whenever you play a DVD, that language will come up when available. If the selected language is not available, the disc's original language will be used instead.

Changing the Track View Display

- During playback, press the TOP MENU button.
- Press the UP/DOWN buttons to select TRACK.
- Press the ENTER button.
- Press the UP/DOWN buttons to select the desired track.
- Press the ENTER button.
- Press the UP/DOWN buttons to select the desired track.
- Press the ENTER button.
- Press the UP/DOWN buttons to select the desired track.
- Press the ENTER button.

NOTE

- When pressing the TOP MENU button with a DVD, the TITLE MENU function comes up. A disc must have at least two titles for the TITLE MENU function to work.
- When pressing the TOP MENU button with a CD, enters the INTRO mode. INTRO lets you listen to the beginning of each track for about 10 seconds.
- You can also operate it using the DIGEST button.

Downloaded From Disc-Player.com Samsung Manuals

TABLE OF CONTENTS

Selecting a Title/Chapter/Group/Track 8
Displaying the Current Disc Information 9
Description-Front Panel 10
Display Window 11
Description-Rear Panel 12
Connecting to a TV 13
Using the Remote Control 14
Using the Disc Menu 15
Repeat Playback 16
Program Play & Random Play 17
S.Fit Play 18
Digest Play 19
Using the Disc View Function 20
Selecting the Audio Mode 21
Selecting the Subtitle Language 22
Using the Bookmark Function 23
Using the Zoom Function 24
MP3 Playback 25
Using the Setup Menu 26
Setting Up the Language Features 27
Setting the Video Options 28
Setting the Audio Options 29
Setting Up the Display Options 30
Setting Up the Parental Control 31
Setting Up the Digital Audio Output 32
Setting Up the Speaker Options 33
Setting Up the Miscellaneous Options 34
Setting Up the Initial Settings 35
Troubleshooting 36
Specifications 37
Warranty (U.S.A. only) 38

Downloaded From Disc-Player.com Samsung Manuals

Playing a Disc

Before Play

- Turn on your TV and press the TV/VIDEO button to select the video mode.
- Turn on your Audio System and select AUX, CD or DVD.

After plugging in the player, the first time you press the DVD POWER button, this screen comes up :
If you want to select the language, press a NUMBER button.
(This screen will only appear the very first time you plug in the player.)

Play

1 Press the OPEN/CLOSE button.
The STANDBY indicator light goes out and the tray opens.

2 Place a disc gently into the tray with the disc's label facing up.

3 Press the PLAY/PAUSE button or OPEN/CLOSE button to close the disc tray.

4 Stopping Play
Press the STOP button during play.

5 Removing Disc
Press the OPEN/CLOSE button.

6 Pausing Play
Press the PLAY/PAUSE or STEP button on the remote during play.
- Screen stops, no sound.
- To resume again, press PLAY/PAUSE button once again.

Downloaded From Disc-Player.com Samsung Manuals

7 Step Motion Play (Except CD)

Press the STEP button on the remote during play.
If turning JOG DIAL, you can view one by one. (DVD-S321 only)

- Each time the button is pressed, a new frame will appear.
- No sound is heard during STEP mode.
- Press PLAY/PAUSE to resume normal play.
(You can only perform step motion play in the forward direction.)

8 Slow Motion Play (Except CD)

Press the FWD SEARCH or REV SEARCH button on the remote during PAUSE or STEP mode.

- By pressing the FWD SEARCH or REV SEARCH button, you can select slow motion play for 1/8, 1/4 or 1/2 of normal speed.
- No sound is heard during slow mode.
- Press PLAY/PAUSE to resume normal play.
- When playing a VCD, the reverse slow motion play will not work.

RESUME function

When you stop disc play, the player remembers where you stopped, so when you press PLAY again, it will pick up where you left off. (unless the disc is removed, the STOP button is pressed twice or the player is unplugged.)

NOTE

- If the player is left for 5 minutes in pause mode, it will stop.
- If the player is left in the stop mode for more than one minute without any user interaction, a screen saver will be activated, and the TV screen will fade in and out repeatedly. Press the PLAY button to resume normal play.
- This ⊘ icon indicates an invalid button press.

Downloaded From Disc-Player.com Samsung Manuals

Before You Start / Basic Functions

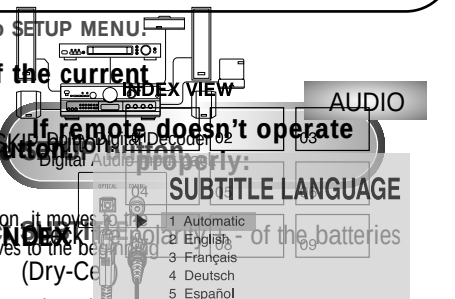
Using the Audio Language

Using the AUDIO button

1. With the unit in Stop mode, press the SETUP button.
2. Press the UP/DOWN buttons to move to AUDIO.
3. Press the ENTER button.
4. Press the UP/DOWN buttons to select ENGLISH.
5. Press the ENTER button.
   - English is selected and the screen returns to SETUP MENU.

Using the Subtitle Language

1. During play, press the TOP MENU button.
2. Press UP/DOWN buttons to select INDEX VIEW. Press the ENTER button.
3. Select the desired view by pressing the UP/DOWN or LEFT/RIGHT buttons.
4. Press the SKIP button for the next 9 tracks.
   - Depending on the disc, audio may not be heard when a disc is in 2X play mode.
5. Press the ENTER button.



Connection to an Audio System

Method 1

Method 2

Cable

Index View (VCD)

Skipping Tracks

Install Batteries in the Remote

- Insert the batteries (1 and 2).

If remote doesn't operate properly:

- Replace the batteries with new ones.
- Check if the batteries are drained.
- Check if remote sensor is blocked by obstacle.
- Check if there is any fluorescent lighting nearby.

NOTE

- To Select Other Languages: Select OTHERS in step 3 above. Refer to the language code list on page 30. Enter the four-digit code for your desired language.
- When playing a VCD 2.0 in the MENU OFF or Track View mode, it moves to the next MENU or the next Track View display.
- If you press the SKIP button, it moves to the previous MENU or the previous Track View display. (See page 30)
- You can also operate it using the DIGEST button.
- When pressing the TOP MENU button with a DISC that has no TITLE MENU function comes up. A disc must have at least two titles for the TITLE MENU function to work.
- When pressing the TOP MENU button with a CD enters the INTRO mode. INTRO lets you listen to the beginning of each track for about 10 seconds.
- Check if remote is pointed at the wrong device.
- Check if the batteries are installed incorrectly (1 and 2).
- Check if the batteries are dead.
- Replace the battery cover.
- Check if the disc is dirty or damaged.
- Check if the disc is loaded upside down.
- Check if the disc is recorded incorrectly or unfinalized.
- Check if the disc format is correct.
- Check if the disc is scratched.
- Check if the disc is warped.
- Check if the disc is recorded in a color system that can't be played on your player (NTSC, PAL, SECAM).

TABLE OF CONTENTS

Setting Up the Initial Installation

Description-Front Panel

Description-Rear Panel

Description-Remote Control

Displaying On-Screen Information

Connecting to a TV

Using the Component Video Output

Using the S-Video Output

Using the Video Output Jack

Using the Audio Output Jacks

Connecting to an Amplifier

Connecting to a Digital Amplifier

Connecting to a Digital Amplifier with 5.1 Channel Decoder

Connecting to a Digital Amplifier with 2 Channel Decoder

Connecting to a Digital Amplifier with Dolby Pro Logic

Connecting to a Digital Amplifier with Dolby Pro Logic II

Connecting to a Digital Amplifier with DTS Decoder

Connecting to a Digital Amplifier with MPEG Decoder

Connecting to a Digital Amplifier with Dolby Digital Decoder

Connecting to a Digital Amplifier with Dolby Digital EX Decoder

Connecting to a Digital Amplifier with Dolby Digital Plus Decoder

Connecting to a Digital Amplifier with Dolby Digital TrueHD Decoder

Connecting to a Digital Amplifier with DTS-HD Decoder

Connecting to a Digital Amplifier with DTS-HD Master Audio Decoder

Connecting to a Digital Amplifier with DTS Neo:6 Decoder

Connecting to a Digital Amplifier with DTS Neural Surround Decoder

Connecting to a Digital Amplifier with DTS 96/24 Decoder

Connecting to a Digital Amplifier with DTS ES Decoder

Connecting to a Digital Amplifier with DTS ES Discrete 6.1 Decoder

Connecting to a Digital Amplifier with DTS ES Matrix 6.1 Decoder

Connecting to a Digital Amplifier with DTS Express Decoder

Connecting to a Digital Amplifier with DTS Low Bit Rate Decoder

Connecting to a Digital Amplifier with DTS Low Frequency Effects Decoder

Connecting to a Digital Amplifier with DTS Multi-Channel Decoder

Connecting to a Digital Amplifier with DTS Stereo Decoder

Connecting to a Digital Amplifier with DTS Surround Decoder

Connecting to a Digital Amplifier with DTS Virtual Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Plus Decoder

Connecting to a Digital Amplifier with DTS Virtual Surround Plus

Repeat Play

Repeat the current track, chapter, title, a chosen section (A-B), or all of the disc.

When playing a DVD

1 Press the REPEAT button on the remote. Repeat screen appears.

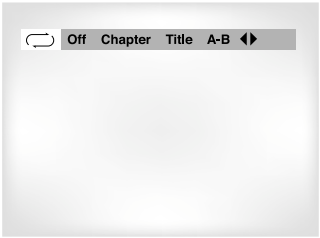
2 Select Chapter, Title or A-B using the LEFT/RIGHT buttons.

- Repeat A-B
- Press the REPEAT button. Select A-B on screen with the LEFT/RIGHT buttons or press the A-B button on the remote.
- Press ENTER at the point where you want the repeat play to start (A). The B is automatically highlighted.
- Press ENTER at the point where you want the repeat play to stop (B).

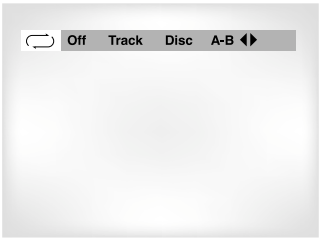
3 Press ENTER.

4 To return to normal play, press REPEAT again, then press the LEFT/RIGHT buttons to select Off and press ENTER.

DVD



VCD/CD



NOTE

- DVD repeats play by chapter or title, CD and VCD repeat play by disc or track.
- Depending on the disc, the Repeat function may not work.
- If the title or track is completed before marking the end (B), the end of title or track becomes B automatically.
- When in VCD 2.0 mode (MENU ON mode), this function does not work.

Downloaded From Disc-Player.com Samsung Manuals

Program Play & Random Play

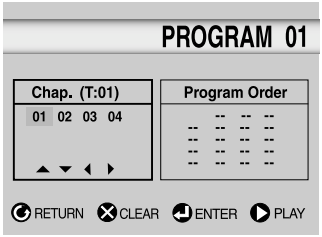
Program Play (DVD/VCD/CD/MP3)

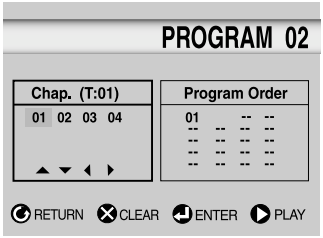
1 Press the MODE button.

2 Use the LEFT/RIGHT buttons to select PROGRAM. Press the ENTER button.

3 Use the LEFT/RIGHT buttons to select the first chapter (or track) to add to the program. Press the ENTER button. The selection numbers appear in the Program Order box.

4 Press the PLAY/PAUSE button. The disc will be played in programmed order.





BASIC FUNCTIONS

Random Play (DVD/VCD/CD/MP3)

1 Press the MODE button.

2 Use the LEFT/RIGHT buttons to select RANDOM. Press the ENTER button.

The disc will be played in random order.

NOTE

- Depending on the disc, the Program and Random Play function may not work.
- When in VCD 2.0 mode (MENU ON mode), these functions do not work.
- To resume normal play, press the CLEAR button.

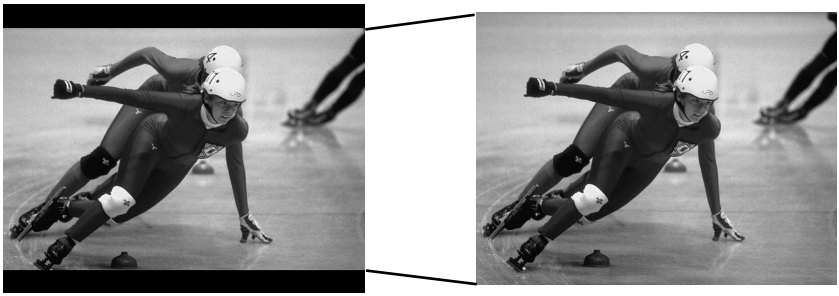
Downloaded From Disc-Player.com Samsung Manuals

S.FIT Play

Screen Fit Play

1 During play, press S.FIT button on remote control.

- Allows you to eliminate the black bars in the top and bottom of the screen when a movie is playing in the Widescreen format(16:9).
- Screen Fit will not work when the Zoom mode is active. (you can not remove the black bars on the screen) However, Zoom mode will work when Screen Fit is active.



NOTE

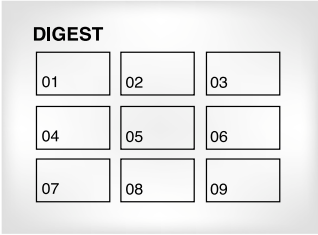
- Various aspect ratios are available only in multiple screen format discs.
- This function does not work when a DVD has been recorded in a multi-camera angle format.
- On some DVDs, the black bars cannot be eliminated due to their aspect ratio.

Downloaded From Disc-Player.com Samsung Manuals

Digest Play

1 During play, press the DIGEST button.

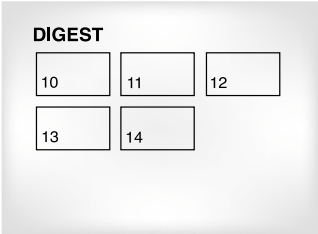
- You'll see the 9 individual windows representing each of the chapters on the TV screen.
- When each window is displayed, the first 3 seconds of the chapter will be played.



SKIP button

2 Press Up/Down/Left/Right buttons or NUMBER button to select the window you'd like to see, and press the ENTER button.

- Up to 9 windows(chapters) can be displayed on the screen at a time.
  Press the 'Skip' button for the next 9 chapters if the movie has more than 9.



NOTE

- You can play the DVD player starting with the desired chapter after directly moving to the scene you want.
- 'DIGEST' may not operate depending on the disc in use.

Downloaded From Disc-Player.com Samsung Manuals

Setting Up the Audio, Viewing Functions

Using the Audio Language

Using the AUDIO button

1. With the unit in Stop mode, press the SETUP button.
2. Press the UP/DOWN buttons to move to AUDIO.
3. Press the ENTER button.
4. Select the desired view by pressing the UP/DOWN or LEFT/RIGHT buttons.
5. Press the ENTER button.

Index View (VCD)

Using the Subtitle Language

1. Install Batteries in the Remote
2. Point the remote at the remote sensor and press the desired function button (DVD, TV, VCR, CABLE).
3. Press the desired button (e.g. TV Power, TV/VCR, Channel, Volume, Mute, Number buttons).

NOTE

- Replace the battery cover.
- Check if there is any fluorescent lighting nearby.
- Check if the batteries are drained.
- Check if remote sensor is blocked by obstacles.
- Check if there is any fluorescent lighting nearby.

DVD

- How to make the SETUP MENU disappear or return to menu screen during set up; Press RETURN button.

Downloaded From Disc-Player.com Samsung Manuals

TABLE OF CONTENTS

Setting Up the Initial Installation 6
Setting Up the Video Connections 7
Setting Up the Audio Connections 8
Setting Up the Digital Audio Connections 9
Description-Front Panel 10
Description-Rear Panel 11
Description-Remote Control 12
Connecting to TV 13
Connecting to Audio System 14
Connecting to Digital Audio System 15
Using the Disc Menu 16
Using the Title Menu 17
Using the Display Function 18
Repeat Play 19
Programmable Play & Random Play 20
S.FIT Play 21
Direct Play 22
Using the Disc Volume Function 23
Selecting the Audio Language 24
Using the Subtitle Function 25
Using the Camera Angle 26
Using the Zoom & 3D Sound Function 27
MP3 Playback 28
Using the Setup Menu 29
Setting Up the Language Features 30
Setting Up the Video Features 31
Setting Up the Audio Features 32
Setting Up the Parental Control 33
Setting Up the Others 34
Specifications 35
Warranty 36

Downloaded From Disc-Player.com Samsung Manuals

Setting Up the Audio and Language Features

Using the Audio Language

Using the AUDIO button

1. With the unit in Stop mode, press the SETUP button.
2. Press the UP/DOWN buttons to move to AUDIO.
3. Press the ENTER button.
4. Press the UP/DOWN buttons to select TRACK or DISC.
5. Select the desired audio language by pressing the UP/DOWN or LEFT/RIGHT buttons.
6. Press the ENTER button.

¥ Depending on the disc, audio may not be heard when a disc is in 2X play mode.

Using the Subtitle Language

1. During play, press the SUBTITLE button.
2. Select the desired subtitle language by pressing the UP/DOWN or LEFT/RIGHT buttons.
3. Press the ENTER button.

¥ When playing a DVD, if you press the SUBTITLE button, it moves to the next subtitle language.

Index View (VCD)

1. During play, press the INDEX VIEW button.
2. Press UP/DOWN buttons to select INDEX VIEW. Press the ENTER button.
3. Select the desired view by pressing the UP/DOWN or LEFT/RIGHT buttons.
4. Press the ENTER button.

¥ When playing a VCD in MENU OFF mode, a VCD Track View function comes up.

Skipping Tracks

During play, press the NEXT SKIP or BACK SKIP button.

¥ When playing a DVD, if you press the NEXT SKIP button, it moves to the next MENU group.

¥ When playing a VCD 2.0 in the MENU OFF or Track View function, if you press the NEXT SKIP button, it moves to the next track.

¥ When playing a VCD, if you press the BACK SKIP button, it moves to the beginning of the previous track.

¥ When playing a VCD 2.0 in the MENU OFF or Track View function, if you press the BACK SKIP button, it moves to the previous track view display.

¥ When playing a VCD, if you press the BACK SKIP button, it moves to the previous MENU or the previous track view display. (See page 30.)

- You can also operate it using the DIGEST button.

Connection to an Audio System

Connect the Audio System's Digital Audio Input Jack to the DVD player's Digital Audio Output Jack (Optical or Coaxial).

Method 1

Method 2

Cable

Remote Control

Install Batteries in the Remote

- Insert batteries with correct polarities (+ and -).
- Use batteries only as specified.
- Do not expose batteries to excessive heat or open flame.

NOTE

- If remote doesn't operate properly:
  - Check the polarities (+ and -) of the batteries (Dry-Cell).
  - Check if the batteries are drained.
  - Check if remote sensor is blocked by obstacles.
  - Check if there is any fluorescent lighting nearby.

Replace the battery cover.

NOTE

- How to make the SETUP MENU disappear or return to menu screen during set up; Press RETURN button.

Downloaded From Disc-Player.com Samsung Manuals

TABLE OF CONTENTS

Safety Instructions 2
Precautions 3
Description-Front Panel 4
Display Indications 5
Description-Rear Panel 6
Connecting to TV 7
Connecting to Audio System 8
Connecting to DVD 9
Setting Up the Language Features 10
Setting Up the Audio Features 11
Setting Up the Video Features 12
Setting Up the Preference Options 13
Setting Up the PARENTAL CONTROL 14
Setting Up the CREATE PASSWORD 15
Setting Up the RATING LEVEL 16
Setting Up the DEFAULT 17
Specifications 18
Warranty 19

Downloaded From Disc-Player.com Samsung Manuals

Changing the Camera Angle

When a DVD contains multiple angles of a particular scene, you can select the Angle function.

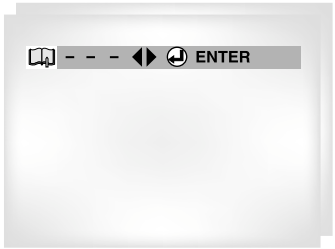
The Bookmark feature lets you mark any point in a DVD or VCD (MENU ON mode) and then you can quickly find the section at a later time.

Using the Bookmark Function (DVD/VCD)

Press the ANGLE button to see if an ANGLE ( ) mark is present at the upper right hand corner of the screen.

1. During play, press the BOOKMARK button on the remote. The Bookmark icons will be displayed.
2. Use the LEFT/RIGHT buttons to move to the desired Bookmark icon.
3. When you reach the spot you want to mark, press the ENTER button. The icon will change to a number (1, 2, or 3).
4. Press the BOOKMARK button to turn off the display.

To turn off the display, press the ANGLE button.



When an ANGLE mark is shown, press the ANGLE button, then an ANGLE select icon will appear at the upper left hand corner of the screen.

Use the UP/DOWN buttons to select the desired screen angle.

Recalling a Marked Scene

1. During play, press the BOOKMARK button on the remote.
2. Use the LEFT/RIGHT buttons to select a marked scene.
3. Press the PLAY/PAUSE buttons to skip to the marked scene.

Clearing a Bookmark

1. During play, press the BOOKMARK button on the remote.
2. Use the LEFT/RIGHT buttons to select the bookmark number you want to delete.
3. Press the CLEAR button to delete a bookmark number. Press the BOOKMARK button to turn off display.

NOTE

- Up to three scenes may be marked at a time.
- When in VCD 2.0 mode (MENU ON mode), this function does not work.
- Depending on the disc, the Bookmark function may not work.

Downloaded From Disc-Player.com Samsung Manuals

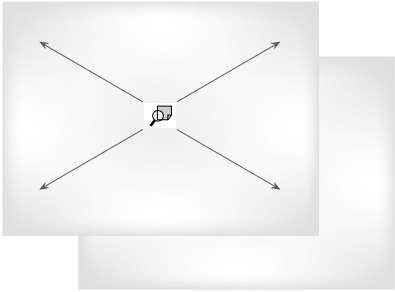
Using the Instant Replay Function

Using the Zoom Function (DVD/VCD)

Using the instant replay function (DVD)

If you miss a scene, you can see it again using this function.

If you press the I.REPLAY button, the current scene moves backward about 10 seconds, and plays back.



1 During play or pause mode, press the ZOOM button on the remote. A square will be displayed on screen.

2 Use the UP/DOWN or LEFT/RIGHT buttons to select the part of the screen you want to zoom in on.

3 Press the ENTER button.

* Depending on the disc, the Instant Replay function may not work.

- During DVD play, press ENTER to zoom in 2X/4X/2X/Normal in order.
- During VCD play, press ENTER to zoom in 2X/normal in order.

Using the 3D Sound Function

The simulated surround effect depends on the disc contents. If you connect the unit to your stereo system, you can enhance sound quality and produce a greater surround effect.
This feature is useful when you are using the DVD player with a two channel stereo through the analog outputs.
(Discs which are recorded with LPCM or DTS will not work. When the DIGITAL OUTPUT is set to BIT STREAM in the SETUP MENU, the 3D Sound function will not work.)

1 During play, press the 3D button. The 3D SOUND mark will be displayed on screen. (Be sure the DIGITAL OUTPUT is set to PCM.)

2 Press the UP/DOWN buttons to turn the 3D Sound feature on or off.

NOTE

- 3D Sound is possible only on discs recorded using DOLBY SURROUND or DOLBY DIGITAL. However, some of these discs do not contain rear channel sound signals.
- Depending on the disc, the Zoom and 3D Sound function may not work.

Downloaded From Disc-Player.com Samsung Manuals

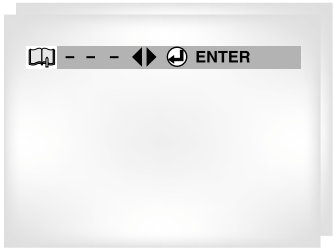
Changing the Camera Angle

When a DVD contains multiple angles of a particular scene, you can select the Angle function.

The Bookmark feature helps you locate parts of a DVD or VCD (MENU ON mode) that you can quickly find the section at a later time.

Using the Bookmark Function (DVD/VCD)

1. During play, press the BOOKMARK button on the remote. The Bookmark icons will be displayed.
2. Use the LEFT/RIGHT buttons to move to the desired Bookmark icon.
3. When you reach the spot you want to mark, press the ENTER button. The icon will change to a number (1, 2, or 3).
4. To turn off the display, press the ANGLE button, then an ANGLE select icon will appear at the upper left hand corner of the screen. Use the UP/DOWN buttons to select the desired screen angle.
5. Press the BOOKMARK button to turn off the display.



Press the ANGLE button to see if an ANGLE ( ) mark is present at the upper right hand corner of the screen.

When an ANGLE mark is shown, press the ANGLE button, then an ANGLE select icon will appear at the upper left hand corner of the screen.

Recalling a Marked Scene

1. During play, press the BOOKMARK button on the remote.
2. Use the LEFT/RIGHT buttons to select a marked scene.
3. Press the PLAY/PAUSE buttons to skip to the marked scene.

Clearing a Bookmark

1. During play, press the BOOKMARK button on the remote.
2. Use the LEFT/RIGHT buttons to select the bookmark number you want to delete.
3. Press the CLEAR button to delete a bookmark number. Press the BOOKMARK button to turn off display.

NOTE

- Up to three scenes may be marked at a time.
- When in VCD 2.0 mode (MENU ON mode), this function does not work.
- Depending on the disc, the Bookmark function may not work.

Downloaded From Disc-Player.com Samsung Manuals

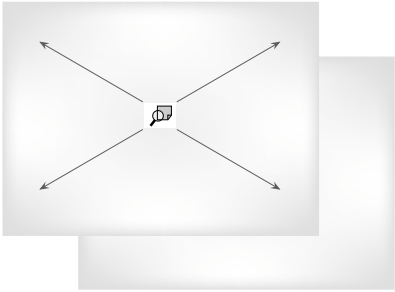
Using the Instant Replay Function

Using the Zoom Function (DVD/VCD)

Using the instant replay function (DVD)

If you miss a scene, you can see it again using this function.

If you press the I.REPLAY button, the current scene moves backward about 10 seconds, and plays back.



1 During play or pause mode, press the ZOOM button on the remote.
A square will be displayed on screen.

2 Use the UP/DOWN or LEFT/RIGHT buttons to select the part of the screen you want to zoom in on.

3 Press the ENTER button.
* Depending on the disc, the Instant Replay function may not work.
- During DVD play, press ENTER to zoom in 2X/4X/2X/Normal in order.
- During VCD play, press ENTER to zoom in 2X/normal in order.

Using the 3D Sound Function

The simulated surround effect depends on the disc contents. If you connect the unit to your stereo system, you can enhance sound quality and produce a greater surround effect.
This feature is useful when you are using the DVD player with a two channel stereo through the analog outputs.
(Discs which are recorded with LPCM or DTS will not work. When the DIGITAL OUTPUT is set to BIT STREAM in the SETUP MENU, the 3D Sound function will not work.)

1 During play, press the 3D button.
The 3D SOUND mark will be displayed on screen. (Be sure the DIGITAL OUTPUT is set to PCM.)

2 Press the UP/DOWN buttons to turn the 3D Sound feature on or off.

NOTE

- 3D Sound is possible only on discs recorded using DOLBY SURROUND or DOLBY DIGITAL. However, some of these discs do not contain rear channel sound signals.
- Depending on the disc, the Zoom and 3D Sound function may not work.

Downloaded From Disc-Player.com Samsung Manuals

MP3 Play

When an MP3 Disc is inserted into the DVD PLAYER, the first song file of the first folder plays.

The Setup Menu lets you customize your DVD player. For example, you can set the menu language preferences, set up a parental level, even adjust the player to the type of television screen you have.

MP3 Play Function

1 With the unit in Stop mode, press the SETUP button on the remote.

1 Press STOP to stop playback of the first song file, then press RETURN to display the music folder menu on the right side of the screen. Up to 8 music folders can be displayed at a time. If you have more than 8 folders on a disc, press the LEFT/RIGHT buttons to bring them up on the screen.

❶ Player Menu : Setup of the Display Language
Use the Player preference menu to select the language for the player's on-screen displays.

❷ Disc Menu : Setup of the Menu Language
Use the Menu preference menu to select the language you want a DVD's disc menu to be displayed in.

❸ Audio : Setup of the Audio Language
Use the Audio preference menu to select the soundtrack language.

❹ Subtitle : Setup of the Subtitle Language
Use the Subtitle preference menu to select the language the disc's subtitles are to be displayed in.

❺ Parental : Setup of the Parental Level
Allows users to set the level necessary to prevent children from viewing unsuitable movies such as those with violence, adult subject matter, etc.

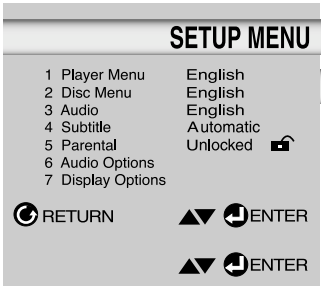
❻ Audio Options : Setup of the Audio Options

❼ Display Options : Setup of the Display Options
Use to select which type of screen you want to watch and several display options.

2 Use the UP/DOWN buttons to select the desired music folder, the press ENTER. Use the UP/DOWN buttons again to select a song file. Press ENTER to begin playback of the song file.

3 Press the ENTER button to access the sub features.

To make the setup screen disappear after setting up, press the SETUP button again.



Program/Random playback

Press the MODE button to switch between the RANDOM and PROGRAM modes. See page 27 for more information on these modes.

NOTE

Depending on the disc, some Setup Menu selections may not work.

- A musical note is displayed next to the file currently playing.
- Press the REPEAT button to hear only music continuously and press it once again to release.

Downloaded From Disc-Player.com Samsung Manuals

Setting Up the Language Features

If you set the player menu, disc menu, audio and subtitle language in advance, they will come up automatically every time you watch a movie.

CD-R MP3 discs

Using the Player Menu Language

the recommendations for CD-R above, plus the comments below:

- **Your MP3 files should be ISO 9660 or JOLIET format.**
ISO 9660 format and Joliet MP3 files are compatible with Microsoft
Apple's Mac. These two formats are the most widely used.
- **When naming your MP3 files do not exceed 8 characters, and pla**
General name format of: Title.mp3. When composing your title, ma
less, have no spaces in the name, and avoid the use of special char
- **Use a decompression transfer rate of at least 128 kb/sec (kilobyte**
Sound quality with MP3 files basically depends on the rate of comp
Getting audio CD quality sound requires an analog/digital samplin
formats that let you use and up to 160 kb/sec. However, cho
more, only rarely give better sound quality.
Conversely, files with sampling rates below 128 kb/sec will not be p
- **Do not try recording copyright protected MP3 files.**
Certain "securized" files are encrypted and code protected to preve
the following types: Windows Media™ (registered trade mark of Mi
copy such files.
- **directory.**
Consequently you must choose:
either to save all your MP3 recording files at the root of the disc;
-and/or create folders in the directory for each artist or music type (e.g.classical, rock, jazz, etc)
- **Important:** The above recommendations cannot be taken as a guara
MP3 recordings, or as an assurance of sound quality.
You should note that certain technologies and methods for MP3 file
playback of these files on your DVD player (degraded sound quality
playback of these files).

1 With the unit in Stop mode, press the SETUP button.

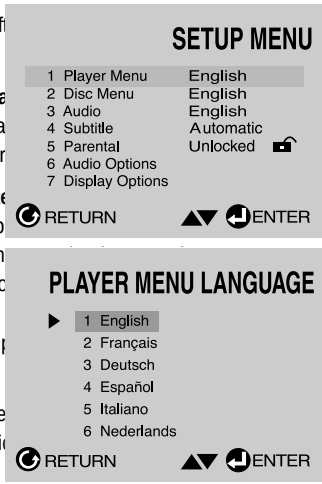
2 Use the UP/DOWN buttons to select the PLAYER MENU.

3 Press the ENTER button.

4 Use the UP/DOWN buttons to select 'English'.

5 Press the ENTER button.
- English is selected and the screen returns to SETUP MENU.
- To make the SETUP MENU disappear, press the RETURN button.

e.g Setting up in English.



Using the Disc Menu Language

This function changes the text language only on the disc menu screens.

1 With the unit in Stop mode, press the SETUP button.

2 Use the UP/DOWN buttons to select DISC MENU.

3 Press the ENTER button.

4 Use the UP/DOWN buttons to select 'English'.
- Select "Others" if the language you want is not listed.

5 Press the ENTER button.
- English is selected and the screen returns to SETUP MENU.

e.g Setting up in English.

Downloaded From Disc-Player.com Samsung Manuals

MP3 Play

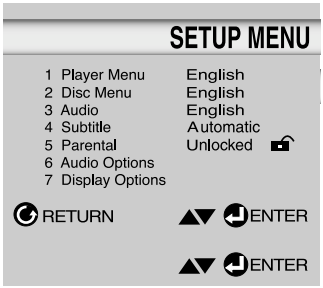
When an MP3 Disc is inserted into the DVD PLAYER, the first song file of the first folder plays.

The Setup Menu lets you customize your DVD player. For example, you can set the default language preferences, set up a parental level, even adjust the player to the type of television screen you have.

MP3 Play Function

1 With the unit in Stop mode, press the SETUP button on the remote.

1 Press STOP to stop playback of the first song file, then press RETURN to display the music folder menu on the right side of the screen. Up to 8 music folders can be displayed at a time. If you have more than 8 folders on a disc, press the LEFT/RIGHT buttons to bring them up on the screen.



❶ **Player Menu :** Setup of the Display Language
Use the Player preference menu to select the language for the player's on-screen displays.

❷ **Disc Menu :** Setup of the Menu Language
Use the Menu preference menu to select the language you want a DVD's disc menu to be displayed in.

❸ **Audio :** Setup of the Audio Language
Use the Audio preference menu to select the soundtrack language.

❹ **Subtitle :** Setup of the Subtitle Language
Use the Subtitle preference menu to select the language the disc's subtitles are to be displayed in.

2 Use the UP/DOWN buttons to select the desired music folder, the press ENTER. Use the UP/DOWN buttons again to select a song file. Press ENTER to begin playback of the song file.

❺ **Parental :** Setup of the Parental Level
Allows users to set the level necessary to prevent children from viewing unsuitable movies such as those with violence, adult subject matter, etc.

❻ **Audio Options :** Setup of the Audio Options

❼ **Display Options :** Setup of the Display Options
Use to select which type of screen you want to watch and several display options.

Program/Random playback

Press the MODE button to switch between the RANDOM and PROGRAM modes. See page 27 for more information on these modes.

PROGRAM ◀▶ RANDOM

2 Use the UP/DOWN buttons on the remote to access the different features.

3 Press the ENTER button to access the sub features.

To make the setup screen disappear after setting up, press the SETUP button again.

NOTE

- A musical note is displayed next to the file currently playing.
- Press the REPEAT button to hear only music continuously and press it once again to release.

NOTE

Depending on the disc, some Setup Menu selections may not work.

Downloaded From Disc-Player.com Samsung Manuals

CD-R MP3 discs

If you set the player menu, disc menu, audio and subtitle language in advance, they will come up automatically every time you watch a movie.

Using the Player Menu Language

the recommendations for CD-R above, plus the comments below:

- **Your MP3 files should be ISO 9660 or JOLIET format.**
  ISO 9660 format and Joliet MP3 files are compatible with Microsoft
  Apple's Mac. These two formats are the most widely used.
- **When naming your MP3 files do not exceed 8 characters, and pla**
  General name format of: Title.mp3. When composing your title, ma
  less, have no spaces in the name, and avoid the use of special char
- **Use a decompression transfer rate of at least 128 kb/sec (kilobyte**
  Sound quality with MP3 files basically depends on the rate of comp
  Getting audio CD quality sound requires an analog/digital samplin
  formats that let you choose and up to 160 kb/sec. However, cho
  more, only rarely give better sound quality.
  Conversely, files with sampling rates below 128 kb/sec will not be p
- **Do not try recording copyright protected MP3 files.**
  Certain "securized" files are encrypted and code protected to preve
  the following types: Windows Media™ (registered trade mark of Mi
  copy such files.

1 With the unit in Stop mode, press the SETUP button.

2 Use the UP/DOWN buttons to select the PLAYER MENU.

3 Press the ENTER button.

4 Use the UP/DOWN buttons to select 'English'.

5 Press the ENTER button.

- English is selected and the screen returns to SETUP MENU.

- To make the SETUP MENU disappear, press the RETURN button.

e.g Setting up in English.

Using the Disc Menu Language

irectory.

Consequently you must choose:
either to save all your MP3 recording files at the root of the disc;
-and/or create folders in the directory for each artist or music type (e.g.classical, rock, jazz, etc)

This function changes the text language only on the disc menu screens.

- **Important:** The above recommendations cannot be taken as a guara
  MP3 recordings, or as an assurance of sound quality.
  You should note that certain technologies and methods for MP3 file
  playback of these files on your DVD player (degraded sound quality
  problems may result).

1 With the unit in Stop mode, press the SETUP button.

2 Use the UP/DOWN buttons to select DISC MENU.

3 Press the ENTER button.

4 Use the UP/DOWN buttons to select 'English'.

- Select "Others" if the language you want is not listed.

5 Press the ENTER button.

- English is selected and the screen returns to SETUP MENU.

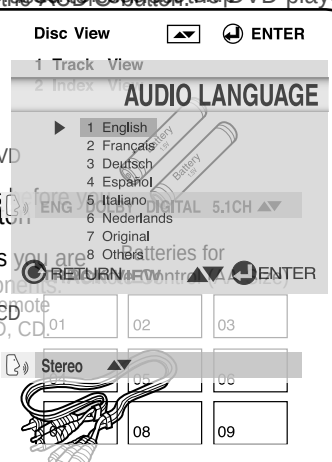
e.g Setting up in English.

Downloaded From Disc-Player.com Samsung Manuals

Using the Audio Language

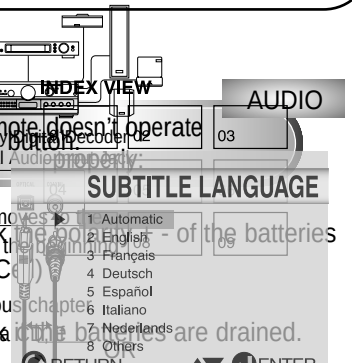
Using the AUDIO button

1. With the unit in Stop mode, press the SETUP button.
2. Press the UP/DOWN buttons to move to AUDIO.
3. Press the ENTER button.
4. Press the UP/DOWN buttons to select TRACK or DISC.
5. Press the ENTER button.
6. Select the desired view by pressing the UP/DOWN or LEFT/RIGHT buttons.
7. Press the ENTER button.



Index View (VCD)

1. During play, press the MENU button.
2. Press UP/DOWN buttons to select INDEX VIEW. Press the ENTER button.
3. Select the desired view by pressing the UP/DOWN or LEFT/RIGHT buttons.
4. Press the ENTER button.



Using the Subtitle Language

1. During play, press the MENU button.
2. Press UP/DOWN buttons to select SUBTITLE LANGUAGE. Press the ENTER button.
3. Select the desired view by pressing the UP/DOWN or LEFT/RIGHT buttons.
4. Press the ENTER button.

Skipping Tracks

During play, press the NEXT SKIP or BACK SKIP button.

One more press makes it move to the beginning of the previous chapter or track.

Press the NEXT SKIP button, it moves to the beginning of the next chapter or track.

Press the BACK SKIP button, it moves to the beginning of the current chapter or track.

Press the BACK SKIP button twice briefly, it moves back to the previous chapter or track.

Press the NEXT SKIP button, it moves to the next MENU or Track View function.

Press the BACK SKIP button, it moves to the previous MENU or Track View function.

- When playing a DVD, you can also skip tracks by pressing the number buttons on the remote control.
- When playing a VCD 2.0 in the MENU OFF mode, a VCD 1.1 disc, or Track View function is off, pressing the NEXT SKIP button, it moves to next track.
- When playing a VCD 2.0 in the MENU OFF mode, pressing the BACK SKIP button, it moves to the previous track.
- When playing a VCD, you can also skip tracks by pressing the number buttons on the remote control.

Searching through a Disc

During play, press the SEARCH button.

Each time you press the button, the search speed changes.

Press the BACK SKIP button to return to normal play.

- When playing a VCD, you can only search forward.
- When playing a VCD 2.0 in the MENU OFF mode, a VCD 1.1 disc, or Track View function is off, you can only search forward.

Slow Motion Play

During play, press the SLOW button.

Each time you press the button, the slow motion speed changes.

Press the PLAY button to return to normal play.

- When playing a VCD, you can only slow motion forward.

Zooming in on the Picture

During play, press the ZOOM button.

Each time you press the button, the picture size changes.

Press the CLEAR button to return to normal play.

- When playing a VCD, you can only zoom in on the picture.

Changing the Camera Angle

If the disc contains scenes recorded at different camera angles, you can change to your preferred camera angle.

During play, press the ANGLE button.

Each time you press the button, the camera angle changes.

- When playing a VCD, you can only change the camera angle in the MENU ON mode.

Changing the Audio Channel

During play, press the AUDIO button.

Each time you press the button, the audio channel changes.

- When playing a VCD, you can only change the audio channel in the MENU ON mode.

Changing the Subtitle Language

During play, press the SUBTITLE button.

Each time you press the button, the subtitle language changes.

- When playing a VCD, you can only change the subtitle language in the MENU ON mode.

Changing the Subtitle Position

During play, press the SUBTITLE button.

Press the UP/DOWN buttons to move the subtitle position.

- When playing a VCD, you can only change the subtitle position in the MENU ON mode.

Changing the Subtitle Font Size

During play, press the SUBTITLE button.

Press the LEFT/RIGHT buttons to change the subtitle font size.

- When playing a VCD, you can only change the subtitle font size in the MENU ON mode.

Changing the Subtitle Font Color

During play, press the SUBTITLE button.

Press the UP/DOWN buttons to change the subtitle font color.

- When playing a VCD, you can only change the subtitle font color in the MENU ON mode.

Changing the Subtitle Background Color

During play, press the SUBTITLE button.

Press the LEFT/RIGHT buttons to change the subtitle background color.

- When playing a VCD, you can only change the subtitle background color in the MENU ON mode.

Changing the Subtitle Edge Color

During play, press the SUBTITLE button.

Press the UP/DOWN buttons to change the subtitle edge color.

- When playing a VCD, you can only change the subtitle edge color in the MENU ON mode.

Changing the Subtitle Edge Type

During play, press the SUBTITLE button.

Press the LEFT/RIGHT buttons to change the subtitle edge type.

- When playing a VCD, you can only change the subtitle edge type in the MENU ON mode.

Changing the Subtitle Font Type

During play, press the SUBTITLE button.

Press the UP/DOWN buttons to change the subtitle font type.

- When playing a VCD, you can only change the subtitle font type in the MENU ON mode.

Changing the Subtitle Font Style

During play, press the SUBTITLE button.

Press the LEFT/RIGHT buttons to change the subtitle font style.

- When playing a VCD, you can only change the subtitle font style

TABLE OF CONTENTS

Safety Instructions 2
Precautions 3
Description-Front Panel 4
Description-Rear Panel 5
Display Indications 6
Connecting to TV 7
Connecting to Audio System 8
Connecting to Digital Audio System 9
PARENTAL CONTROL 10
CREATE PASSWORD 11
PARENTAL CONTROL 12
RATING LEVEL 13
Setting Up the Language Features 14
Setting the Video Features 15
Setting the Digital Output 16
Setting the Speaker Option 17
Setting the Dynamic Compression 18
Setting the Sound Effect 19
Setting the Downmix Mode 20
Setting the Display Dimmer 21
Setting the Auto Power Down 22
Setting the Auto Play 23
Setting the Default 24
Setting the Password 25
Setting the Rating Level 26
Setting the Change Password 27
Setting the Menu Language 28
Setting the Audio Language 29
Setting the Subtitle Language 30
Setting the Disc Menu Language 31
Setting the Video Output Select 32
Setting the Component Video Output 33
Setting the Progressive Mode 34
Setting the Picture Adjustment 35
Setting the Picture Sharpness 36
Setting the Video Color 37
Setting the Tint 38
Setting the Black Level Expander 39
Setting the Video Aspect 40
Setting the Picture Position 41
Setting the Zoom 42
Setting the Multi-Angle 43
Setting the Auto Play 44
Setting the Parental Control 45
Setting the Password 46
Setting the Rating Level 47
Setting the Default 48

SETUP

CONNECTIONS

BASIC FUNCTIONS

ADVANCED FUNCTIONS

CHANGING SETUP MENU

REFERENCE

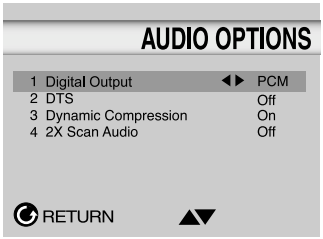
Downloaded From Disc-Player.com Samsung Manuals

Setting Up the Audio Options

1 With the unit in Stop mode, press the SETUP button.

2 Use the UP/DOWN buttons to select AUDIO OPTIONS. Then press the ENTER button.

3 Use the UP/DOWN buttons to select the desired item. Then press the LEFT/RIGHT buttons.



❶ **Digital Output**

1. PCM : Converts to PCM(2CH) 48kHz audio. Select PCM when using the Analog Audio Outputs.

2. Bitstream : Converts to Dolby Digital Bitstream (5.1CH). Select Bitstream when using the Digital Audio Output.

NOTE : Be sure to select the correct Digital Output or no audio will be heard.

N

DTS

❷ **1**. Off : Doesn't output digital signal.

2. On : Outputs DTS Bitstream via digital output only. Select DTS when connecting to a DTS Decoder.

Dynamic Compression

❸ **1**. On : To select dynamic compression.

2. Off : To select the standard range.

2X Scan Audio

❹ **1**. Off : Turns 2X audio off.
Though 2X Scan Audio is ON in the SETUP MENU, no sound will be heard on discs which are recorded with LPCM, DTS or MPEG-2 Audio.

2. On : Turns 2X audio on.

NOTE

- **How to make the SETUP MENU disappear or return to menu screen during set up;** Press RETURN button.
- Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.
- "DTS" and "DTS Digital Out" are trademarks of Digital Theater Systems, Inc.

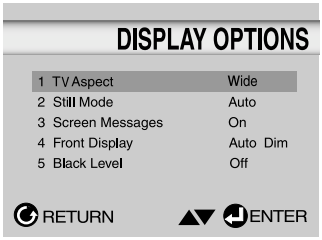
Downloaded From Disc-Player.com Samsung Manuals

Setting Up the Display Options

1 With the unit in Stop mode, press the SETUP button.

2 Use the UP/DOWN buttons to select DISPLAY OPTIONS. Then press the ENTER button.

3 Use the UP/DOWN buttons to select the desired item. Then press the LEFT/RIGHT buttons.



❶ **TV Aspect**
Depending on the type of television you have, you may want to adjust the screen setting (aspect ratio).
1. 4:3 Letter Box :
Select when you want to see the total 16:9 ratio screen DVD supplies, even though you have a TV with a 4:3 ratio screen. Black bars will appear at the top and bottom of the screen.
2. 4:3 Pan-Scan :
Select this for conventional size TVs when you want to see the central portion of the 16:9 screen. (Extreme left and right side of movie picture will be cut off.)
3. 16:9 Wide :
You can view the full 16:9 picture on your widescreen TV.

❷ **Still Mode**
These options will help prevent picture shake in still mode and display small text clearer.
1. Field : Select this feature when the screen shakes in the Auto mode.
2. Frame : Select this feature when you want to see small letters more clearly in the Auto mode.
3. Auto : When selecting Auto, Field/Frame mode will be automatically converted.

❸ **Screen Messages**
Use to turn on-screen messages On or Off.

❹ **Front Display**
Adjust the brightness of the unit's front panel display.
1. Bright : Makes the Front Panel Display bright.
2. Dim : Makes the Front Panel Display dim.
3. Auto Dim : Makes the Front Panel Display dim automatically when playing a DVD.

❺ **Black Level**
Adjusts the brightness of the screen.(On/Off)

NOTE

- **How to make the SETUP MENU disappear or return to menu screen during set up;**
  Press the RETURN button.

Downloaded From Disc-Player.com Samsung Manuals

Controlling a TV with the Remote
(DVD-S321 only)

The remote can also be set up to control most TVs. To program the remote, use the code that corresponds to your brand.

TV Codes

Code	Brand	Code	Brand
01	SAMSUNG_1	16	SHARP_1
02	SHARP_2	17	ZENITH
03	SONY	18	LG_3
04	MAGNAVOX	19	DAEWOO_8
05	SANYO_1	20	SANYO_2
06	LG_2	21	EMERSON
07	RCA	22	SHARP_3
08	LG_1	23	SAMSUNG_4
09	TOSHIBA	24	PANASONIC_2
10	HITACHI	25	NOBLEX
11	JVC	26	TELEFUNKEN
12	PANASONIC_1	27	NEWSAN
13	MITSUBISHI_2	28	LOEWE
14	SAMSUNG_2	29	RCA2
15	SAMSUNG_3		

1 Turn on the TV

2 Point the DVD's remote at the TV.

3 While holding the TV POWER button down, enter the code for your brand.

e.g For Samsung_1 TVs

While holding down the TV POWER button, enter 0 and then 1.

4 If the TV turns off, setup is complete.

Enter other codes of the same brand if the first code does not work.

5 To operate the TV, use the "TV Function Buttons" described on page 19.

NOTE

The remote may not be able to control every model TV of the brands listed.

Downloaded From Disc-Player.com Samsung Manuals

Before requesting service (troubleshooting), please check the following.

Problem	Action	Page
No operations can be performed with remote.	• Check the batteries in the remote. May need replacing. • Operate the remote control at a distance of no more than 20 feet. • Remove batteries and hold down one or more buttons for several minutes to drain the microprocessor inside the remote to reset it. Reinstall batteries and try remote again.	P6
Disc does not play.	• Ensure that the disc is installed with the label side facing up. • Check the region number of the DVD.	P9
5.1 channel sound is not being reproduced.	• 5.1 channel sound is reproduced only when the following conditions are met. : 1) The DVD player is connected with the proper amplifier 2) The disc is recorded with 5.1 channel sound. • Check whether the disc being played has the “Dolby 5.1 ch” mark on the outside. • Check if your audio system is connected and working properly. • In a SETUP Menu, is the Audio Output set to Bitstream?	P20
The ⊘ icon appears on screen.	• The features or action cannot be completed at this time because: 1. The DVD’s software restricts it. 2. The DVD’s software doesn’t support the feature (e.g., angles). 3. The feature is not available at the moment. 4. You’ve requested a title or chapter number or search time that is out of range.	P23
Disc Menu doesn’t appear.	• Check if the disc has a Menu.	P40~41
Play mode differs from the Setup Menu selection.	• Some of the functions selected in the Setup Menu may not work properly if the disc is not encoded with the corresponding function.	P40~45
The screen ratio cannot be changed.	• The Screen Ratio is fixed on your DVDs.	P45
No audio.	• Make sure you have selected the correct Digital Output in the Audio Options Menu.	P44
Forgot password	• Press power on from a cold start with no disc in the unit. Press the STOP and PLAY buttons simultaneously on the front panel for three seconds. The Select Menu Language display will appear. Select the desired language button. Press the SETUP button on the remote control to select the Parental Mode. The Parental Mode is now unlocked as indicated on the display. Press the DOWN button to select Parental. Press ENTER and the Create Password display will appear. You can now set your rating level and change your password to a new number.	P43
If you experience other problems.	• Go to the contents and find the section of the instruction book that contains the explanations regarding the current problem, and follow the procedure once again. • If the problem still cannot be solved, please contact your nearest authorized service center.	

Downloaded From Disc-Player.com Samsung Manuals

Specifications

General	Power Requirements	AC 120 V, 60 Hz
	Power Consumption	12 W
	Weight	6.2 lbs
	Dimensions	W 16.9 in x D 9.4 in x H 3.1 in
	Operating Temperature Range	+41°F to +95°F
	Operating Humidity Range	10 % to 75 %
Disc	DVD (DIGITAL VERSATILE DISC)	Reading Speed : 11.45 ft/sec. Approx. Play Time (Single Sided, Single Layer Disc) : 135 min.
	CD : 5" (COMPACT DISC)	Reading Speed : 3.9 to 4.6 ft/sec. Maximum Play Time : 74 min.
	CD : 3 1/2" (COMPACT DISC)	Reading Speed : 3.9 to 4.6 ft/sec. Maximum Play Time : 20 min.
	VCD : 5"	Reading Speed : 3.9 to 4.6 ft/sec. Maximum Play Time : 74 min. (Video + Audio)
Video Output	Composite Video	1 channel : 1.0 Vp-p (75 Ω load)
	Component Video	Y : 1.0 Vp-p (75 Ω load) Pr : 0.70 Vp-p (75 Ω load) Pb : 0.70 Vp-p (75 Ω load)
	S-VIDEO	Luminance Signal : 1.0 Vp-p (75 Ω load) Chrominance Signal : 0.286 Vp-p (75 Ω load)
Audio Output	2 Channel	L(1/L), R(2/R)
	*Frequency Response	48 kHz Sampling : 4 Hz to 22 kHz 96 kHz Sampling : 4 Hz to 44 kHz
	*S/N Ratio	110 dB
	*Dynamic Range	100 dB
	*Total Harmonic Distortion	0.004 %

*: Nominal specification

- Samsung Electronics Co., Ltd reserves the right to change the specifications without notice.
- Weight and dimensions are approximate.

Downloaded From Disc-Player.com Samsung Manuals

Warranty (for USA users only)

LIMITED WARRANTY TO ORIGINAL PURCHASER

This SAMSUNG brand product, as supplied and distributed by SAMSUNG ELECTRONICS AMERICA, INC. (SAMSUNG) and delivered new, in the original carton to the original consumer purchaser, is warranted by SAMSUNG against manufacturing defects in materials and workmanship for the following limited warranty period:

One (1) Year Parts and Labor

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the United States, and does not include transportation, installation, removal or reinstallation. Warranty repairs must be performed by SAMSUNG's authorized service center. To receive warranty service, the original dated bill of sale must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center. Transportation to and from the service center is the responsibility of the purchaser.

SAMSUNG will repair or replace this product, at our option and at no charge with new or reconditioned parts, if found to be defective during the limited warranty period specified above. The product must be returned during the warranty period with transportation charges prepaid to SAMSUNG's designated service center. Prior to returning any product for warranty service, the purchaser must contact SAMSUNG for problem determination and service procedures. SAMSUNG does not warrant uninterrupted or error-free operation of the product. All replaced parts and products become the property of SAMSUNG and must be returned to SAMSUNG. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.

This limited warranty covers manufacturing defects in materials and workmanship encountered in normal, noncommercial use of this product and shall not apply to the following, including, but not limited to: damage which occurs in shipment; applications and uses for which this product was not intended; failures or problems which are caused by products or equipment not supplied by SAMSUNG; accidents, misuse, abuse, neglect, misapplication, fire, water, lightning or other acts of nature; incorrect electrical line voltage, fluctuations or surges; damage caused by improper or faulty installation; improper connection with any peripheral; product alteration or modification; improper or unauthorized repair; cosmetic damage or exterior finish; product with altered serial numbers; failure to follow operating instructions, customer adjustments, maintenance and environmental instructions that are covered and prescribed in the instruction book; use of non-SAMSUNG or unauthorized parts, supplies, accessories or equipment which damage this product or result in service problems; failures or problems due to incompatibility with other equipment.

Downloaded From Disc-Player.com Samsung Manuals

ELECTRONICS

SAMSUNG ELECTRONICS AMERICA INC.
105 CHALLENGER ROAD, RIDGEFIELD PARK,
NJ 07660 U.S.A.

FOR YOUR NEAREST SAMSUNG
SERVICE CENTER
DIAL 1-800-SAMSUNG

AH68-01039A (REV.01)

US

Downloaded From Disc-Player.com Samsung Manuals